

#8

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

-----X
In re application of : Attorney Docket No.:
FAZAKAS-1
Applicant: Andras FAZAKAS :
Serial No.: 10/031,103 : GAU: 2838
Filed: January 10, 2002 : Examiner: Unknown
National Phase of International PCT
Patent Application No. PCT/HU00/00073 :
Dated: July 3, 2000 :
For: "CENTRAL CONTROL UNIT
FOR CONTROLLING THE CHARGING
PROCESS OF A BATTERY" :
-----X

March 25, 2002

Commissioner for Patents, Box PCT
United States Patent and Trademark Office
Washington, D.C. 20231

REQUEST FOR CORRECTION TO FILING RECEIPT

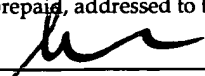
S I R:

Applicant hereby requests the Office to correct the priority date on the Filing Receipt of the above mentioned application, to reflect the correct date of July 3, 2000, (incorrect date of July 13, 2000 shown on filing receipt) as claimed by applicant with the filing of the above application. Applicant has included a copy of the Transmittal Letter and a copy of the first page of the Priority Document, as filed on January 10, 2002.

Respectfully submitted,

By: 
Anthony H. Handal/Roger Pitt
Reg. No. 26,275, Reg. No. 46,996

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope, postage prepaid, addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on 3/25/02


Anthony H. Handal Reg. No. 26,275
Roger Pitt Reg. No. 46,996

TRANSMITTAL LETTER TO THE UNITED STATES

FAZAKAS

DESIGNATED/ELECTED OFFICE (DO/EO/US)

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5)

CONCERNING A FILING UNDER 35 U.S.C. 371

Unknown

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

PCT/HU00/00073

03 July 2000

15 July 1999

TITLE OF INVENTION

CENTRAL CONTROL UNIT FOR CONTROLLING THE CHARGING PROCESS OF A BATTERY

APPLICANT(S) FOR DO/EO/US

Andras FAZAKAS

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 20 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☒ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22. ☐ Certificate of Mailing by Express Mail
23. ☐ Other items or information:

**(19) World Intellectual Property Organization
International Bureau**



(43) International Publication Date
25 January 2001 (25.01.2001)

(10) International Publication Number
WO 01/06615 A1

PCT

(51) International Patent Classification⁷: H02J 7/00

(21) International Application Number: PCT/HU00/00073

(22) International Filing Date: 3 July 2000 (03.07.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
P 9902385 15 July 1999 (15.07.1999) HU

(71) Applicant and

(72) **Inventor: FAZAKAS, András** [HU/HU]; Lendvay u.23,
H-1062 Budapest (HU).

(74) Agent: DANUBIA PATENT & TRADEMARK ATTORNEYS; P.O. Box 198, H-1368 Budapest (HU).

DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

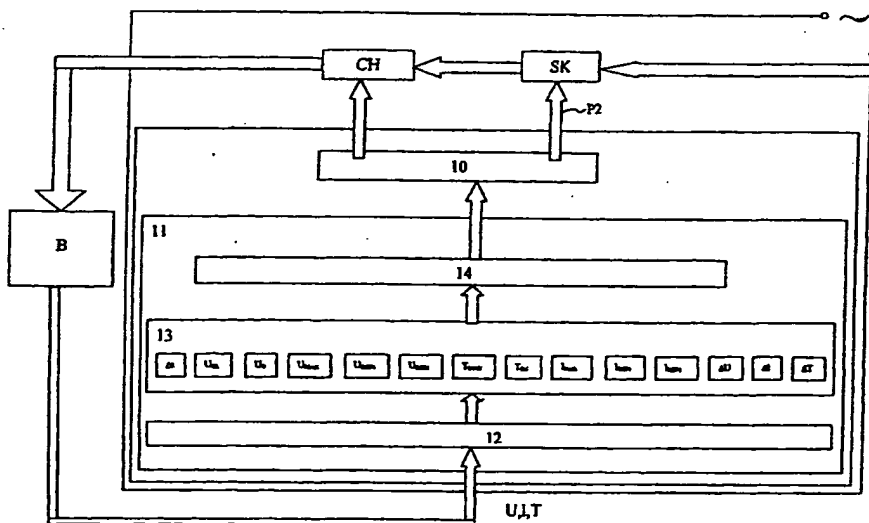
Published:

— *With international search report.*

— Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CENTRAL CONTROL UNIT FOR CONTROLLING THE CHARGING PROCESS OF A BATTERY



(57) Abstract: Central control unit for controlling the charging process of a battery that comprises: a charger circuit coupled to the battery; a circuit for conditionally prohibiting the charging process when predetermined conditions are met, the conditions comprise at least the condition of $T_B > T_{max}$, where T_B designates the actual temperature of the battery and T_{max} designates the highest permissible battery temperature, and the further condition when the change of one of the battery current and voltage dI and dU decreases in a predetermined time period below a predetermined threshold level; and a restart circuit for restarting the conditionally prohibited charging, comprising a plurality of inputs through which respective restart signals can be received, wherein a precondition of any restart is that the temperature of the battery T_B being lower than an acceptable predetermined temperature T^* .

WO 01/06615 A1